



## INSTALLATION INSTRUCTIONS

MAKE: Ford

MODEL: 250/350

YEAR: 1999-2003

ENGINE: V87.3L (td) Power Stroke

**Turbocharger (GT Series)**

**46-60072**



### Parts Included:

- Turbocharger
- O-Rings
- 4" Intake boot
- Oil + Injector
- Hose Clamps

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- 1
- 3
- 1
- 1
- 2

### Tools Needed:

- 13mm socket
- 11mm deep socket
- 10mm socket
- 8mm socket
- 13mm wrench
- 10mm wrench
- 8mm wrench
- 3" Extension
- 6" Extension
- Flat Head Screwdriver
- Pliers
- Needle nose pliers
- Oil cleaner
- Small picks
- Socket driver
- 5/16" Nut driver
- 12" Extension

**CAUTION:** Allow time for your vehicle to cool down prior to installation. When working on your vehicle proceed with caution. Wear protective safety equipment; eye goggles and gloves to ensure a safe installation. **aFe recommends professional installation on this product. Thoroughly inspect the aFe turbocharger to make sure there is no damage from shipping (if damage is noted, immediately contact aFe customer service).**

1. Disconnect the battery cables from both batteries.
2. Remove the air intake system.
3. Remove the driver's side boost tube.
4. Remove the MAP sensor.
5. Remove the passenger side boost tube.
6. Disconnect the wastegate actuator line from the wastegate and the intake manifold.
7. Remove the wastegate actuator solenoid from the intake manifold.
8. Disconnect the intake heater electrical connection.
9. Loosen the intake couplings below the intake manifold.
10. Disconnect the air temperature sensor wire.
11. Remove the Intake manifold.

**Note:** Remove the couplings off the intake manifold for cleaning.

12. Loosen the exhaust down pipe (doesn't need to be removed).
13. Disconnect the EBPV actuator from the turbocharger (if applicable).
14. Loosen the two bolts on top of the turbo charger but do not remove.
15. Disconnect the exhaust up-pipes.
16. Remove the two mounting bolts and the turbocharger.
17. Remove and discard the factory O-rings from the pedestal and clean the pedestal thoroughly.
18. Install supplied O-rings on the pedestal.

**Note:** Before installing new turbo onto the truck lubricate the turbocharger bearings using the supplied oil + injector. Inject the oil into the oil inlet of the turbocharger. Spin the compressor wheel by hand.

19. Place the aFe turbocharger on the pedestal. **(don't start the bolts yet).**
20. Connect the exhaust up-pipes to the back of the turbocharger **(snug the V-band clamp down).**
21. Start the turbocharger bolts by hand.
22. Tighten the turbocharger bolts.
23. Tighten the V-band clamp for the exhaust up-pipes.
24. Install the exhaust down pipe and tighten.
25. After cleaning the intake manifold couplings, install them on the air inlet on the engine **(leave loose at this time).**



## INSTALLATION INSTRUCTIONS

**MAKE:** Ford

**MODEL:** 250/350

**YEAR:** 1999-2003

**ENGINE:** V8-7.3L (td) Power Stroke

**Turbocharger (GT Series)  
46-60072**

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26. Install the intake manifold onto the couplings while aligning to the turbocharger compressor outlet. Once everything is aligned, snug the v-band clamp on the turbocharger compressor outlet.
  27. Tighten the intake couplings.
  28. Tighten the v-band clamp on the turbocharger compressor outlet.
  29. Reconnect the air temperature sensor wire.
  30. Reconnect the intake heater electrical connections.
  31. Reconnect the wastegate actuator solenoid and hook up wastegate actuator lines.
  32. Reinstall the passenger side boost tube and tighten.
  33. Reinstall the MAP sensor and tighten.
  34. Reinstall driver's side boost tube and tighten.
  35. Reinstall air intake system and tighten.
  36. Install the new 4" Intake boot to the turbo charger and connect to the air intake system. Tighten using the supplied clamps.
  37. Check all connections and check all bolts for tightness.
  38. Reconnect the batteries.
  39. Your installation is now complete.
  40. Please start the vehicle and allow to idle for 5-10 mins. To allow for proper lubrication.

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